

C CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

NO. OF COPIES RECEIVED	3
DISTRIBUTION	
SANTA FE	1
FILE	1
U.S.O.S.	
LAND OFFICE	
OPERATOR	1

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No.	
647-368	647-320
647-363	

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

RECEIVED

OIL WELL ☒ GAS WELL ☐ OTHER ☐
Name of Operator **ARCO Oil and Gas Company**
Division of Atlantic Richfield Company

MAY 23 1979

7. Unit Agreement Name
Empire Abo Pressure Maintenance Project

8. Farm or Lease Name

Empire Abo Unit "E"

9. Well No.

393

Address of Operator
Box 1710, Hobbs, New Mexico 88240

Location of Well

O. C. C.
ARTESIA, OFFICE

10. Field and Pool, or Wildcat

Empire Abo

UNIT LETTER **B** **1100** FEET FROM THE **North** LINE AND **2250** FEET FROM

THE **East** LINE, SECTION **35** TOWNSHIP **17S** RANGE **28E** NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)

3686.1' GR

12. County

Eddy

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

REMEDIAL WORK ☐

ALTERING CASING ☐

TEMPORARILY ABANDON ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND ABANDONMENT ☐

PULL OR ALTER CASING ☐

CHANGE PLANS ☐

CASING TEST AND CEMENT JOBS ☒ Prod Csg

OTHER Log, Perf, Squeeze, Perf, Acidize & Complete ☒

OTHER ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Fin drlg 7-7/8" hole to 6300' @ 3:30 PM 4/3/79. Ran GR-DLL-MLL, GR-CNFDC w/caliper logs. RIH w/ 5-1/2" OD 15.5# K-55 csg, set @ 6300', FC @ 6260', DV tool @ 3024'. Cmdt 1st stage w/425 sx Lite wt cmt w/5# Kolite, 5# salt, 1/4# celloflake/sk followed by 350 sx 50/50 Poz w/2% CaCl, 3# salt/sk Circ 180 sx cmt thru DV tool. Cmdt 2nd stage w/900 sx RF cmt w/2% CaCl. Circ 40 sx to pit. WOC 72 hrs. DO cmt & DV tool @ 3024'. CO to 6260' PBD. Press tstd csg to 1500# 30 mins OK. Ran CBL good bond. Ran GR collar log. Perf'd Abo 6196-6208'. RIH w/surgetool R pkr on 2-3/8" OD tbg, se pkr @ 6098'. Installed WH 4/16/79. Dropped bar, broke disc, had 100' fluid entry. Swbd 1 hr, fluid 100' FS, no rec. Acidized Abo perfs 6196-6208' w/150 gals 15% HCL-LSTNE-FE, 1500 gals gel CaCl wtr, 1500 gal gel LC, 1500 gals 15% HCL-LSTNE-FE, flushed w/24 BLC. Swbd 16 BO & 5 BW in 1 hr. Swbd 8-1/2 hrs, rec 20 BO, 145 BW. RIH w/ cmt retr, set retr @ 6186'. Squeezed perfs 6196-6208' w/50 sx LWL cmt w/2% CaCl & 50 sx Cl C w/2% CaCl. WOC. Perf'd Abo 6160-70' w/2 JSPF. RIH w/ pkr on 2-3/8" OD tbg, set pkr @ 6059'. Swbd 1-1/2 hrs, rec 24 bbls KCL wtr. Acidized perfs 6160-70' w/500 gals 15% HCL-LSTNE-FE acid, flushed w/24 BLC. Swbd 1-1/2 hrs, rec 24 BLO, 10 BNO 12 BLW & 17 BFW. Kicked off flwg on 18/64" ck. Inst pmpg equip. On 24 hr potential test 5/14/79 pmpd 202 BO, 1 BW & 154 MCFG, 3000# HP, GOR 762:1. Final Report.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED *W. A. Gressett*

TITLE Dist. Drlg. Supt.

DATE 5/21/79

APPROVED BY *W. A. Gressett*

TITLE SUPERVISOR, DISTRICT II

DATE MAY 24 1979

CONDITIONS OF APPROVAL, IF ANY: